

FLOOD PLAIN PERMIT COMMITTEE MEETING

*201 West Gray, Building C, Human Resources Conference Room
Monday, October 3, 2012
3:30 p.m.*

Minutes

PRESENT: Shawn O'Leary, Director of Public Works
Susan Connors, Director of Planning/Community Development
Scott Sturtz, City Engineer
Ken Danner, Subdivision Development Manager
Jane Hudson, Principle Planner
Neil Suneson, Citizen Member

OTHERS PRESENT: Todd McLellan, Development Engineer
Julie Shelton, Staff
Mark Daniels, Utilities
Jim Speck, Utilities
Ken Mowdy, Utilities
Charlie Thomas, Utilities
John Levitt, CP&Y
Tracey Coffey, Astellas

NOT PRESENT: Sherri Stansel, Citizen Member

The meeting was called to order by O'Leary who asked the committee for approval of the minutes of the September 4, 2012 meeting. Motion by Suneson. Seconded by Connors. Approved 6-0.

Item No. 1, Flood Plain Permit Application No. 512: O'Leary introduced the application as a request from the Norman Utilities Authority for a flood plain permit to replace the existing sanitary sewer aerial crossing over Bishop Creek. McLellan introduced Thomas representing the Utilities Department and John Levitt as the consulting engineer from CP&Y. It was explained that the entire project consists of replacing and upsizing the existing sanitary sewer lines in south Norman. In addition, a portion of the project would involve the replacement of the existing aerial crossing of the Bishop Creek floodplain located south of Highway 9 and east of the Wastewater Treatment Plan. The committee reviewed the aerial map. McLellan noted the materials and dimensions of the existing line. It was pointed out that the new aerial crossing would support a 24 inch diameter PVC line which will be encased in a 36 inch steel pipe. McLellan indicated that the new support structure would consist of four 42 inch diameter steel reinforced piers which will be 65 feet long and will extend 13 feet into the bedrock.

A detailed sheet plan and profile of the project was shown to the committee and the committee reviewed the plans. It was noted that lowest point of the crossing (the bottom of the 36 inch steel pipe) will be 2 ½ feet above the base flood elevation. McLellan stated that because the work is less than 1/10 of an acre, the consultant has provided a letter stating that a pre-construction notice is not required for US Army Corps of Engineers, 404 permit purposes.

Applicable ordinance sections were noted to include fill restrictions and the committee was informed that 2 feet of rip rap would be placed around the piers and concrete walls to protect them from scour. In addition, the larger diameter piers will result in an additional 7.3 cubic yards of concrete in the floodway. A corresponding 7.4 cubic yards of material will be removed from the channel banks to account for the additional concrete. McLellan stated that for areas receiving rip rap, an equal amount of existing material will be removed in order to keep from increasing the base flood elevation and noted that a certification letter was received from the consulting engineer stating that there will be no rise in the base flood elevation due to this project.

Connors asked a question about the location of the pipe. Suneson asked how the depth of the bed rock is determined and it was stated that a geotechnical study was done two years ago to determine the depth of bedrock. Suneson asked about access to this area and Levitt answered that a 60 foot temporary construction easement has been obtained through Astellas for the contractor to utilize. It was also noted that a temporary crossing would be put in place, but removed at the end of construction. Brief discussion ensued about previous roads in that area. Suneson asked why the rip rap does not extend to the base flood elevation and Levitt answered that the rip rap is put in place to protect the existing bank and piers to keep erosion from occurring. Coffey asked if the 60 foot easement is located on the Astellas property and Levitt confirmed and clarified that it is only a temporary construction easement which is good for up to one year. O'Leary asked for a few clarifications on the details of the project. Motion for approval from Sturtz. Seconded by Danner. Approved 6-0.

Miscellaneous Discussion:

Miscellaneous discussion from the committee.

Meeting adjourned at 4:15 p.m.